

10/551068

Customer Number 38107

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|---------------------------------------|---|-----------------------|
| In re application of |) | Examiner: Unknown |
| Johan S. Van den BRINK |) | Art Unit: Unknown |
| |) | |
| Serial No.: not assigned |) | |
| |) | |
| Filed: herewith |) | |
| |) | |
| Title: A Method of Magnetic Resonance |) | |
| Perfusion Imaging |) | |
| |) | Cleveland, Ohio 44143 |
| Attorney Docket No.: PHNL030287US |) | September 27, 2005 |

Information Disclosure Statement under 37 CFR 1.97(b)(3)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Further to the filing of the National Stage Entry of PCT patent application, serial number PCT/IB2004/050322, Applicant submits an Information Disclosure Statement under 37 CFR 1.97(b)(3). Along with the article references, Applicant also encloses a form PTO/ISB/08A listing all of the references for the Examiner's convenience.

Applicant believes that no charge is due for the submission of this Information Disclosure Statement. However, please charge any necessary fees in connection with this submission to our Deposit Account No. 14-1270.

Respectfully submitted,



Thomas M. Lundin
Reg. No. 48,979
Philips Intellectual Property & Standards
595 Miner Road
Cleveland, Ohio 44143
Phone: 440-483-4281 Fax: 440-483-2452

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|----------------------|-------------------|
| Application Number | Unknown 51068 |
| Filing Date | herewith |
| First Named Inventor | Johan VanDenBrink |
| Art Unit | unknown |
| Examiner Name | unknown |

Attorney Docket Number PHNL030287US

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Attorney Docket Number

107551068

herewith

Johan VanDenBrink

unknown

unknown

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Examiner Name

unknown

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|---|----------------|
| | | BASSER, P.J., et al.; Estimation of the Effective Self-Diffusion Tensor from the NMR Spin Echo; 1994; J. of MR; B:103:247-254. | |
| | | CALLOT, V., et al.; An IVIM based MRI method to study microcirculation in the heart; 2003; Proc. of SPIE; 5031:214-220. | |
| | | FRANK, L.R.; Anisotropy in High Angular Resolution Diffusion-Weighted MRI; 2001; MR in Med.; 45:935-939. | |
| | | GRAY, L., et al.; Overview of Diffusion Imaging; 1998; Magnetic Resonance Imaging Clin N Am; 6:(1)125-137. | |
| | | HENKELMAN, R.M.; Does IVIM Measure Classical Perfusion?; 1990; MRM; 16:470-475. | |
| | | LE BIHAN, D., et al.; MR Imaging of Intravoxel Incoherent Motions: Application to Diffusion and Perfusion in Neurologic Disorders; 1986; Radiology; 161:401-407. | |
| | | LE BIHAN, D., et al.; Intravoxel Incoherent Motion Imaging Using Spin Echoes; 1991; MR in Med.; 19:221-227. | |
| | | LE BIHAN, D., et al.; Diffusion Tensor Imaging: Concepts and Applications; 2001; J. of MRI; 13:534-546. | |
| | | LE BIHAN, D.; Diffusion & Perfusion in MRI; 1996; in Encyclopedia of Nuclear Magnetic Resonance; Grant-Harris; Vol. 3; Con-F; pp. 1645-1656. | |
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|--------------------|-----------------------|---|----------------|
| | | LE BIHAN, D., et al.; The Capillary Network: A link between IVIM and classical perfusion; 1992; MRM; 27:171-178. | |
| | | LE BIHAN, D., et al.; Separation of Diffusion and Perfusion in Intravoxel Incoherent Motion MR Imaging; 1988; Radiology; 168:497-505. | |
| | | MOORE, R.J., et al.; In Vivo Intravoxel Incoherent Motion Measurements in the Human Placenta Using Echo-Planar Imaging at 0.5T; 2000; MRM; 43:295-302. | |
| | | MURTZ, P., et al.; Abdomen: Diffusion-weighted MR Imaging with Pulse-triggered Single-shot Sequences; 2002; Radiology; 224:258-264. | |
| | | VLAADRINGERBROEK, M.T., et al.; 1999; Magnetic Resonance Imaging; Springer-Vertag, Berlin; Section 7.7; pp.354-360. | |
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